Gregory D Hawkins

List of Publications by Year
in descending order

18	2,954	623574	839398
papers	citations	14 h-index	18 g-index

20	20	20	2286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Parametrized Models of Aqueous Free Energies of Solvation Based on Pairwise Descreening of Solute Atomic Charges from a Dielectric Medium. The Journal of Physical Chemistry, 1996, 100, 19824-19839.	2.9	828
2	Pairwise solute descreening of solute charges from a dielectric medium. Chemical Physics Letters, 1995, 246, 122-129.	1.2	648
3	Model for Aqueous Solvation Based on Class IV Atomic Charges and First Solvation Shell Effects. The Journal of Physical Chemistry, 1996, 100, 16385-16398.	2.9	358
4	Extension of the platform of applicability of the SM5.42R universal solvation model. Theoretical Chemistry Accounts, 1999, 103, 9-63.	0.5	197
5	Universal Quantum Mechanical Model for Solvation Free Energies Based on Gas-Phase Geometries. Journal of Physical Chemistry B, 1998, 102, 3257-3271.	1.2	166
6	Density functional solvation model based on CM2 atomic charges. Journal of Chemical Physics, 1998, 109, 9117-9133.	1.2	120
7	Improved methods for semiempirical solvation models. Journal of Computational Chemistry, 1995, 16, 422-440.	1.5	119
8	A universal model for the quantum mechanical calculation of free energies of solvation in non-aqueous solvents. Theoretical Chemistry Accounts, 1997, 98, 85-109.	0.5	99
9	Universal reaction field model based on ab initio Hartreeâ€“Fock theory. Chemical Physics Letters, 1998, 288, 293-298.	1.2	93
10	Parametrized Model for Aqueous Free Energies of Solvation Using Geometry-Dependent Atomic Surface Tensions with Implicit Electrostatics. Journal of Physical Chemistry B, 1997, 101, 7147-7157.	1.2	76
11	omnisol:â€‰ Fast Prediction of Free Energies of Solvation and Partition Coefficients. Journal of Organic Chemistry, 1998, 63, 4305-4313.	1.7	73
12	Universal solvation model based on conductor-like screening model. , 2000, 21, 340-366.		54
13	Prediction of Vapor Pressures from Self-Solvation Free Energies Calculated by the SM5 Series of Universal Solvation Models. Journal of Physical Chemistry B, 2000, 104, 4726-4734.	1.2	40
14	Solvation Modeling in Aqueous and Nonaqueous Solvents. ACS Symposium Series, 1994, , 24-49.	0.5	36
15	Universal Solvation Models. ACS Symposium Series, 1998, , 201-219.	0.5	19
16	Modeling Free Energies of Solvation and Transfer. ACS Symposium Series, 1998, , 285-300.	0.5	11
17	Modeling The Effect of Solvation on Structure, Reactivity, and Partitioning of Organic Solutes: Utility in Drug Design. The IMA Volumes in Mathematics and Its Applications, 1999, , 51-72.	0.5	10
18	New Tools for Rational Drug Design. ACS Symposium Series, 1999, , 121-140.	0.5	0